

PEEL PROTECTIVE STRIP TO EXPOSE ADHESIVE. POSITION EDGE OF PRINT ON THIS LINE AND RUB TO ADHERE.

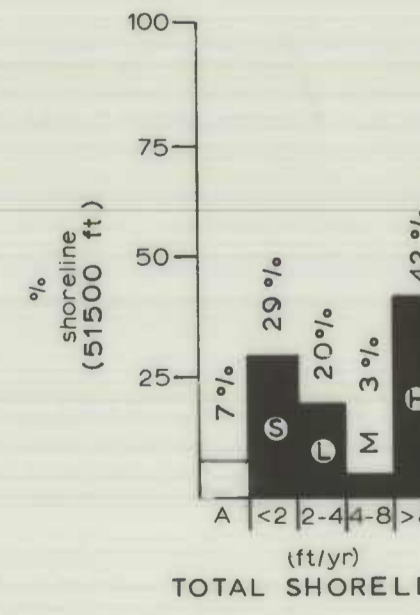
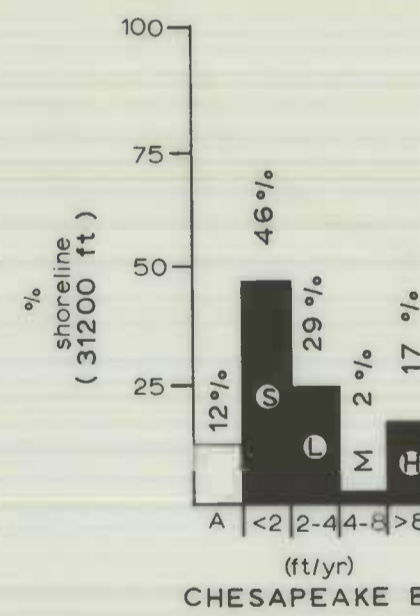
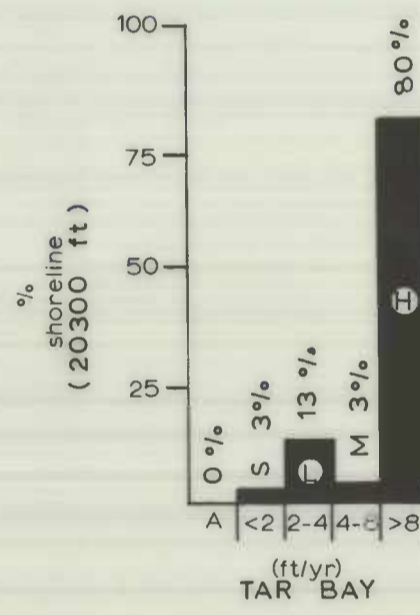
HISTORICAL SHORELINES AND EROSION RATES

CZM MAP 71B

BARREN ISLAND QUADRANGLE.
MARYLAND
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 DRUM POINT 15' QUADRANGLE



1848 to 1942



1848 to 1942
(94 yr period)
Erosion Rate
Scales
(ft/yr)

Erosion Rate
Symbols
A.....accretion
S.....slight
L.....low
M.....moderate
H.....high
F.....fill

Map prepared by the Army Map Service
Published by the Geological Survey
Control by USC&GS
Culture and drainage in part compiled from aerial photographs
taken 1942. Topography by plane-table surveys 1942
Map prepared by Maryland Geological
Survey with funds from National
Oceanographic Atmospheric Administration
(NOAA) made available through Department
of Natural Resources Coastal Zone
Management Program
Compiled by Robert D. Conkright, 1975
Basic data from M.G.S. Bulletin 6

UTM GRID AND 1942 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

HIGHEST GROUND ELEVATION 2 FEET
EROSION RATE GRAPHS
Histograms indicate prevalent erosion rate categories for dif-
ferent shoreline areas.

1848 SHORELINE
BASE MAP SHORELINE 1942

Exact erosion rates can be calculated by dividing the dis-
tance between shorelines by the difference in their dates.
Erosion rate categories can be estimated by using the
Erosion Rate Scale in the right-hand margin. Place the
left-hand line of the scale against the earliest shoreline
and read the name of the erosion rate category.

BARREN ISLAND, MD.
SE/4 DRUM POINT 15' QUADRANGLE
N3815-W7615/7.5
1942
AMS 5760 IV SE-SERIES V833